In the Claims

Please amend the claims by replacing all prior versions, and listings, of claims pursuant to 37 C.F.R. §1.121 as modified by 68 Fed. Reg. 38611 (June 30, 2003) as follows:

Please cancel claim 18 without disclaimer or prejudice to applicants' right to pursue the subject matter of this claim in this or a related application.

1-15. (canceled)

16. (currently amended) A pharmaceutical composition comprising an amount of a mixture of terpolymers ~~terpolymer~~ effective to treat an autoimmune disease, and a pharmaceutically acceptable carrier, wherein ~~the~~ each terpolymer consists essentially of randomly polymerized tyrosine, alanine and lysine~~, and a pharmaceutically acceptable carrier~~.

17. (canceled)

18. (canceled)

19. (previously presented) The pharmaceutical composition of Claim 16, wherein said tyrosine is present in a mole fraction of about 0.005 to about 0.250; said alanine is present in a mole fraction of about 0.3 to about 0.6; and lysine is present in a mole fraction of about 0.1 to about 0.5.

20. (currently amended) The pharmaceutical composition of Claim 16, wherein said tyrosine is present in a mole fraction of ~~about~~ 0.10, said alanine is present in a mole

fraction of ~~about~~ 0.54,and said lysine is present in a mole fraction of ~~about~~ 0.35.

21-31. (canceled)

32. (currently amended) The pharmaceutical composition of Claim 16 wherein said ~~terpolymer~~ mixture of terpolymers has ~~a~~ an average molecular weight of about 2,000 to about 40,000 daltons.

33. (currently amended) The pharmaceutical composition of Claim 16 wherein said ~~terpolymer~~ mixture of terpolymers has ~~a~~ an average molecular weight of about 4,000 to about 9,000 daltons.

34. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is a B cell mediated autoimmune disease.

35. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is a T cell mediated autoimmune disease.

36. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is an arthritic condition.

37. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is a demyelinating disease.

38. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is an inflammatory

disease.

39. (original) The pharmaceutical composition of Claim 16, wherein said autoimmune disease is multiple sclerosis, autoimmune hemolytic anemia, autoimmune oophoritis, autoimmune thyroiditis, autoimmune uveoretinitis, chronic immune thrombocytopenic purpura, colitis, contact sensitivity disease, diabetes mellitus, Graves disease, Guillain-Barre's syndrome, Hashimoto's disease, idiopathic myxedema, myasthenia gravis, psoriasis, pemphigus vulgaris, rheumatoid arthritis, or systemic lupus erythematosus.

40-156. (canceled)

157. (withdrawn) A method for treating a subject afflicted with an autoimmune disease which comprises administering to the subject an amount of a terpolymer effective to treat the autoimmune disease, wherein the terpolymer consists essentially of randomly polymerized tyrosine, alanine and lysine.

158. (withdrawn) The method of claim 157, wherein the autoimmune disease is multiple sclerosis, autoimmune hemolytic anemia, autoimmune oophoritis, autoimmune thyroiditis, autoimmune uveoretinitis, chronic immune thrombocytopenic purpura, colitis, contact sensitivity disease, diabetes mellitus, Graves disease, Guillain-Barre's syndrome, Hashimoto's disease, idiopathic myxedema, myasthenia gravis, psoriasis, pemphigus vulgaris, rheumatoid arthritis, or systemic lupus erythematosus.

159. (withdrawn) The method of claim 158, wherein the autoimmune disease is multiple sclerosis.

160. (withdrawn) The method of claim 158, wherein the autoimmune disease is rheumatoid arthritis.

161. (withdrawn) The method of claim 160, wherein the amount of the terpolymer is at least 5 mg/day.

162. (withdrawn) The method of claim 161, wherein the amount of the terpolymer is at least 10 mg/day.

163. (withdrawn) The method of claim 162, wherein the amount of the terpolymer is at least 15 mg/day.

164. (withdrawn) The method of claim 163, wherein the amount of the terpolymer is at least 20 mg/day.

165. (withdrawn) The method of claim 160, wherein the amount of the terpolymer is 25-400 µg/kg of the subject per day.